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W.M.D.

1786

UNIVERSITY OF PITTSBURGH



Darlington Memorial Library

Father TAMMANY's
POCKET ALMANAC,

For the YEAR 1786:

The SECOND after LEAP-YEAR;

AND THE

Eleventh of the American Republic.

CONTAINING,

Besides the Astronomical Calculations,

Lists of Congress, Council, and Assembly;
State Officers; Scales of Depreciation;
Tables of Interest; accurate Table of
Dollars and other Coins; arrivals and
departures of Posts and Stages; Quakers
Meetings; Courts of Law; Roads, &c.

*With morning and evening Tide Tables,
for Philadelphia, and an easy Rule to fit
them to the principal Places on the Continent.*

BY A SON OF TAMMANY.

PHILADELPHIA,

Printed and Sold by YOUNG, STEWART,
and McCULLOCH, in Chestnut-street.

ECLIPSES for the YEAR 1786.

THREE will be *five* Eclipses this year, *viz.*
Three of the Sun, and two of the Moon.

I. Of the *Moon*, Jan. 14, morn. partly visible,
Beginning, 6 b. 33 m. }
Middle, 7 44 } morning.
End, 8 55 }

Digits eclipsed, 4d. 47, on the moon's south limb.

N. B. The sun rises at 16 m. past 7, at which time the moon sets eclipsed.

II. Of the *Sun*, Jan. 29, afternoon, invisible. The sun will be centrally eclipsed on the meridian, at 1 m. past 10, afternoon; in long. $134^{\circ} 36'$ east, and lat. $32^{\circ} 15'$ north, among the Japan isles.

III. Of the *Moon*, July 11, morn. partly visible.
Beginning, 3 b. 56 m. }
Beginning of total darkness, 5 21 }
Middle, 5 $40\frac{1}{2}$ } morn.
End of total darkness, 6 0 }
End, 7 25 }

Digits eclipsed, 12d. 40.

N. B. The sun rises at 40 min. past 4, at which time the moon sets eclipsed.

IV. Of the *Sun*, July 25, in the morning, invisible. The sun will be centrally eclipsed, on the meridian, at 11 min. past 4 in the morning; in long. $42^{\circ} 17'$ east, and lat. $42^{\circ} 29'$ south, which is in the great south sea.

V. Of the *Sun*, Dec. 20, in the forenoon, invisible. The sun will be partly eclipsed at 49 min. past 11 in the forenoon, at the south pole.

Common Notes for the Year 1786.

Dominical Letter	A	Epoch	0
Golden Number	7	Cycle of the Sun,	3

JANUARY, I Month, begins on SUND. 31 Days.

First ☽ 7, 7, 43, morn. Full ☽ 14, 7, 36, morn.
Last ☽ 22, 6, 48, morn. New ☽ 29, 9, 38, after.

	Remark.	Days	Fri.	set	sets	H.Wat.	Phil.
1	Su	CIRCUMCIS.	7 23	4 37	5 e 49	2 m 40	3 e 4
2	2		7 23	4 37	7 1	3 33	3 57
3	3		7 22	4 38	8 14	4 24	4 48
4	4		7 22	4 38	9 26	5 12	5 36
5	5	flow 6m5f.	7 21	4 39	10 34	6 0	6 24
6	6	EPIPHANY	7 21	4 39	11 43	6 48	7 12
7	7	♂ ⊖ ♀ inf.	7 20	4 40	12 53	7 37	8 1
8	Su	1st p. Epiph.	7 20	4 40	Om 53	8 29	8 53
9	2		7 19	4 41	2 4	9 24	9 48
10	3		7 19	4 41	3 15	10 23	10 47
11	4		7 18	4 42	4 21	11 24	11 48
12	5		7 17	4 43	5 21	12 23	12 47
13	6	flow 9m21	7 17	4 43	6 16	0 47	1 11
14	7		7 16	4 44	rises	1 42	2 6
15	Su	2d p. Epiph.	7 15	4 45	6 e 31	2 35	2 59
16	2	Days 9 32	7 14	4 46	7 30	3 23	3 47
17	3		7 13	4 47	8 38	4 8	4 32
18	4	♂ enters II	7 13	4 47	9 34	4 51	5 15
19	5	⊖ enters ♀	7 12	4 48	10 31	5 30	5 54
20	6	♀ stationary	7 11	4 49	11 30	6 10	6 34
21	7	flow. 11m54	7 10	4 50	12 29	6 51	7 15
22	Su	3d p. Epiph.	7 9	4 51	Om 29	7 32	7 56
23	2		7 8	4 52	2 29	8 17	8 41
24	3		7 7	4 53	2 28	9 5	9 29
25	4	Conv. S. Paul	7 6	4 54	3 31	9 56	10 20
26	5	♀ gr. elong.	7 5	4 55	4 29	10 51	11 15
27	6	♂ ⊖ h	7 4	4 56	5 20	11 46	12 10
28	7	Days 9 54	7 3	4 57	6 8	0 10	0 42
29	Su	4th p. Epiph.	7 2	4 58	sets	1 14	1 38
30	2		7 1	4 59	5 49	2 6	2 30
31	3		7 0	4 0	7 1	2 57	3 21

FEBRUARY, II Month, begins on WED. 28 Days.

First ☽ 5, 3, 28, after. Full ☽ 12, II, 41, after.
Last ☽ 21, 3, 17, morn. New ☽ 28, 9, 26, morn.

	Remark.	Days	eri.	sets	sets	H.Wat.	Phil.
1	4	♀ enters ☽	6 59 5	1	8e 13	3m 46	4e 10
2	5	Purificat. V.	6 58 5	2	9 24	4 36	5 0
3	6		6 57 5	3	10 36	5 27	5 51
4	7		6 56 5	4	II 51	6 20	6 44
5	Su	5th p. Epiph.	6 55 5	5	13	7 14	7 38
6	2		6 54 5	6	1m 1	8 11	8 35
7	3		6 52 5	8	2 10	9 11	9 35
8	4	Days 10 17	6 51 5	9	3 12	10 10	10 34
9	5	fflo. 14m 39	6 50 5	10	4 9	11 6	11 30
10	6		6 48 5	12	4 57	11 59	12 23
11	7		6 47 5	13	5 34	0 23	0 47
12	Su	Septu. ♀ e ☽	6 46 5	14	6 4	1 12	1 36
13	2		6 45 5	15	rises	1 58	2 22
14	3	Valentine.	6 44 5	16	7e 15	2 41	3 5
15	4		6 43 5	17	8 16	3 22	3 46
16	5	Days 10 37	6 41 5	19	9 15	4 3	4 27
17	6	♀ enters ☽	6 40 5	20	10 13	4 44	5 9
18	7	Sexagesima.	6 39 5	21	II 16	5 25	5 49
19	Su		6 38 5	22	12 15	6 9	6 33
20	2		6 36 5	24	0m 15	6 56	7 20
21	3	fflo. 13m 56	6 35 5	25	1 15	7 45	8 9
22	4	Days 10 52	6 34 5	26	2 12	8 37	9 1
23	5		6 32 5	28	3 6	9 31	9 55
24	6	St. Matthias.	6 31 5	29	3 58	10 27	10 51
25	7	♀ enters ☽	6 30 5	30	4 41	11 22	11 46
26	Su	Quinquagesi.	6 29 5	31	5 16	12 16	12 40
27	2		6 28 5	32	5 50	0 40	1 9
28	3	Sbrove Tues.	6 26 5	34	sets	1 37	2 1

Venus is Morning Star till the 21st of March,
then Evening Star to the end of the year.



M A R C H, III Month, begins on WED. 31 Days.

First ☽ 7, 0, 16, morn. Full ☽ 14, 4, 54, after.
Last ☽ 22, 8, 54, after. New ☽ 29, 7, 8, after.

	R·mark.	Days	Mer.	set	sets	H.	Wat.	Phil.
1	4	Alb Wed. S.D.	6	25 5 35	7 e 6	2m 27	2 e 51	
2	5	Days II 13	6	24 5 36	8 22	3 20	3 44	
3	6		6	22 5 38	9 38	4 12	4 38	
4	7	♀ enters ♈	6	21 5 39	10 53	5 10	5 34	
5	Su	1st in Lent.	6	19 5 41	12 3	6 8	6 32	
6	2	□ ♂ ☽	6	18 5 42	om 3	7 9	7 33	
7	3		6	17 5 43	1 10	8 9	8 33	
8	4		6	15 5 45	2 8	9 5	9 29	
9	5	☽ flow. 10m 43	6	14 5 46	2 56	9 59	10 23	
10	6		6	13 5 47	3 38	10 48	11 12	
11	7		6	11 5 49	4 12	11 35	11 59	
12	Su	2d in Lent.	6	10 5 50	4 40	12 19	12 43	
13	2	☽ flow 9m 37	6	9 5 51	5 5	0 43	1 7	
14	3	Days II 45	6	8 5 52	rises	1 25	1 49	
15	4		6	6 5 54	7 e II	2 6	2 30	
16	5		6	5 5 55	8 II	2 47	3 11	
17	6	St. Patrick.	6	4 5 56	9 II	3 28	3 52	
18	7	♀ ☽ ♂ sup.	6	2 5 58	10 8	4 II	4 35	
19	Su	3d in Lent.	6	1 5 59	II 12	4 57	5 21	
20	2	○ enters ♍	6	0 6	0 12 11	5 45	6 11	
21	3	♂ ♀ ○ sup.	5	58 6	2 om II	6 36	7 0	
22	4		5	57 6	3	1 3	7 28	7 52
23	5		5	55 6	5	1 56	8 21	8 45
24	6		5	54 6	6	2 39	9 16	9 40
25	7	☽ flow 6m 0	5	52 6	8	3 20	10 9	10 33
26	Su	4th in Lent.	5	51 6	9	3 53	10 59	11 25
27	2		5	50 6	10 4	22 II	51 12	15
28	3		5	48 6	12 4	50 0	19 0	43
29	4		5	47 6	13	sets	1 12	1 36
30	5		5	46 6	14 7 e 19	2 7	2 31	
31	6	Days 12 30	5	45 6	15 8 36	3 3	3 3	27

APRIL, IV Month, begins on SATUR. 30 Days.

First ☽ 5, 10, 48, morn. Full ☽ 13, 10, 4, morn.
Last ☽ 21, 10, 41, morn. New ☽ 28, 3, 16, morn.

	Remark.	Days	tri.	set	3 sets	H.	Wat.	Phil.
1	7	All Foolsday	5 44	6 16	9 e 54	4 m 3	4 e 27	
2	Su	5th in Lent.	5 45	6 17	11 2	5	3	5 27
3	2	Days 12 37	5 42	6 18	12 6	6	8	6 31
4	3	♂ enters ♀	5 40	6 20	0 m 6	7	8	7 31
5	4	☽ leaves 2m 39	5 39	6 21	0 58	8	2	8 26
6	5		5 38	6 22	1 45	8 54	9	18
7	6		5 37	6 24	2 21	9 42	10	6
8	7		5 35	6 25	2 51	10 27	10	51
9	Su	Palm Sunday	5 34	6 26	3 18	11	9	11 33
10	2		5 32	6 28	3 42	11 49	12	13
11	3		5 31	6 29	4 3	0 13	0	37
12	4		5 30	6 30	4 27	0 54	1	18
13	5	♀ gr. elonga.	5 29	6 31	rises	1 35	1	59
14	6	Good Friday	5 28	6 32	8 e 9	2 17	2	41
15	7		5 26	6 34	9 9	3 2	3	26
16	Su	EASTER.	5 25	6 35	10 10	3 50	4	14
17	2	☽ leaves 3.5f	5 24	6 36	11 5	4 39	5	3
18	3	Days 13 15	5 22	6 38	11 57	5 30	5	54
19	4		5 21	6 39	12 42	6 22	6	46
20	5	♂ enters ♀	5 20	6 40	0 m 42	7 15	7	39
21	6		5 19	6 41	1 22	8 7	8	31
22	7		5 18	6 42	1 58	8 53	9	22
23	Su	1st p. Easter	5 16	6 44	2 26	9 48	10	12
24	2		5 15	6 45	2 54	10 37	11	1
25	3	St. Mark.	5 14	6 46	3 24	11 27	11	51
26	4		5 13	6 47	3 52	12 19	0	19
27	5		5 12	6 48	4 27	0 51	1	15
28	6	♀ enters ♀	5 10	6 50	sets	1 51	2	15
29	7	☽ leaves 2m 53	5 9	6 51	8 44	2 53	3	17
30	Su	2d p. Easter	5 8	6 52	9 55	3 56	4	20



MA T, V Montb, begins on MOND. 31 Days.

First ☽ 4, 11, 16, after. Full ☽ 13, 2 13, morn.
Last ☽ 20, 8, 29, after. New ☽ 27, 10, 41, morn.

	Remark.	Days	peri.	set	sets	H.Wat.	Phil.
1	2	Phil. ☽ Jam.	5	7 6 53	10 e 55	5 m 0	5 e 24
2	3	Days 13 48	5	6 6 54	11 46	5 59	6 23
3	4	☽ ☽ h inf.	5	5 6 55	12 24	6 53	7 17
4	5		5	4 6 56	0 m 24	7 43	8 7
5	6	☽ fast 3m 34	5	2 6 58	0 57	8 30	8 54
6	7	□ ☽ h	5	1 6 59	1 25	9 14	9 38
7	Su	3d p. Easter	5	0 7 0	1 51	9 54	10 18
8	2	♀ enters II	4	5 9 7	1 2 15	10 34	10 58
9	3	☽ fast 3m 51	4	5 8 7	2 2 36	11 15	11 39
10	4		4	5 7 7	3 3 0	11 56	12 20
11	5	Days 14 8	4	5 6 7	4 3 24	0 20	0 44
12	6		4	5 6 7	4 3 44	1 5	1 29
13	7		4	5 5 7	5 rises	1 51	2 15
14	Su	4th p. Easter	4	5 4 7	6 9 e 5	2 40	3 4
15	2		4	5 4 7	6 9 57	3 30	3 54
16	3	☽ stationary	4	5 3 7	7 10 45	4 22	4 46
17	4	☽ fast 3m 58	4	5 2 7	8 11 25	5 14	5 38
18	5		4	5 1 7	9 12 0	6 6	6 30
19	6		4	5 0 7	10 0 m 0	6 56	7 20
20	7	☽ enters II	4	4 9 7	11 0 31	7 45	8 9
21	Su	Rogation.	4	4 8 7	12 0 56	8 32	8 56
22	2		4	4 7 7	13 1 24	9 18	9 43
23	3	Days 14 27	4	4 6 7	14 1 51	10 9	10 33
24	4		4	4 5 7	15 2 20	11 11	11 25
25	5	ASCENSION	4	4 5 7	15 2 55	11 56	12 20
26	6	♂ enters ♀	4	4 4 7	16 3 36	0 31	0 55
27	7		4	4 3 7	17 sets	1 33	1 57
28	Su	1st p. Ascension	4	4 2 7	18 8 e 36	2 37	3 1
29	2	☽ fast 3m. I.	4	4 2 7	18 9 31	3 40	4 4
30	3	♀ gr. elong.	4	4 1 7	19 10 20	4 39	5 3
31	4		4	4 1 7	19 10 53	5 33	5 57

JUNE, VI Month, begins on THUR. 30 Days.

First ☽ 3, 1, 30, after. Full ☽ 11, 4, 48, after.
Last ☽ 19, 3, 0, morn. New ☽ 25, 6, 31, after.

		Remark.	Days	peri.	set	sets	H.Wat.	Phil.
1	5	Days 14 40	4 40	7 20	11 26	6m 23	6e 47	
2	6	♀ enters ☽	4 39	7 21	11 51	7 7	7 31	
3	7		4 39	7 21	12 16	7 49	8 13	
4	Su	WHITSUND	4 38	7 22	Om 16	8 30	8 54	
5	2	fast 1m 56f	4 38	7 22	0 40	9 11	9 35	
6	3		4 38	7 22	1 1	9 52	10 16	
7	4		4 37	7 23	1 24	10 34	10 58	
8	5		4 37	7 23	1 51	II 19	11 43	
9	6		4 37	7 23	2 24	12 8	12 32	
10	7		4 36	7 24	3 5	0 32	0 56	
11	Su	TRINITY.	4 36	7 24	rises	1 22	1 46	
12	2		4 36	7 24	8e 39	2 14	2 38	
13	3	fast om 25f	4 36	7 24	9 21	3 8	3 32	
14	4		4 35	7 25	9 53	4 0	4 24	
15	5	Days 14 49	4 35	7 25	10 26	4 50	5 14	
16	6		4 35	7 25	10 56	5 39	6 3	
17	7		4 35	7 25	11 23	6 27	6 51	
18	Su	1st p. Trin.	4 35	7 25	11 50	7 13	7 37	
19	2		4 35	7 25	12 18	8 0	8 24	
20	3		4 35	7 25	Om 18	8 49	9 13	
21	4	Longest Day	4 35	7 25	0 50	9 40	10 4	
22	5		4 35	7 25	1 29	10 36	11 0	
23	6		4 35	7 25	2 12	II 37	12 1	
24	7	John Baptist	4 35	7 25	3 6	0 9	0 39	
25	Su	2d fast Trin.	4 35	7 25	sets	1 18	1 42	
26	2	♀ enters ☽	4 35	7 25	8 e 5	2 20	2 44	
27	3		4 35	7 25	8 45	3 16	3 40	
28	4	♀ enters ☽	4 36	7 24	9 20	4 8	4 32	
29	5	Peter & Paul	4 36	7 24	9 45	4 54	5 18	
30	6	Days 14 48	4 36	7 24	10 36	5 3	6 3	

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JULY, VII Month, begins on SATUR. 31 Days.

First ☽ 3, 5, 15, morn. Full ☽ 11, 5, 36, morn.
Last ☽ 18, 7, 41, morn. New ☽ 25, 3, 49, morn.

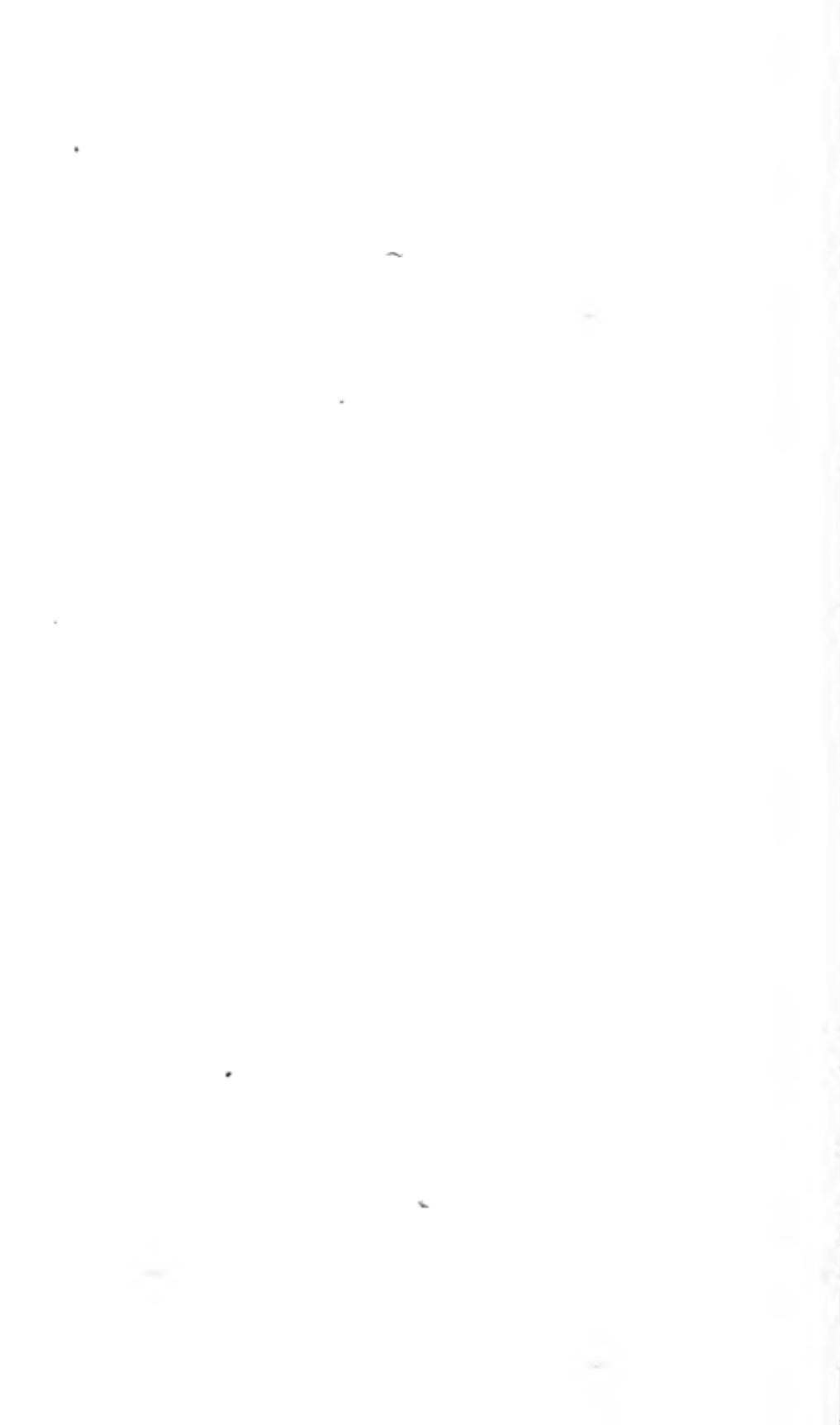
	Remark.	Days	peri.	set	sets	H.	Wat.	Phil.
1	7	6 ☽ ♀ sup.	4 36	7 24	10e 36	5m 50	6 14	
2	Su	3d p. Trin.	4 37	7 23	10 59	7 1	7 25	
3	2	Days 14 16	4 37	7 23	11 21	7 42	8 6	
4	3		4 37	7 23	11 48	8 25	8 49	
5	4	☽ flow 4m6s	4 38	7 22	12 18	9 9	9 33	
6	5		4 38	7 22	om 18	9 55	10 19	
7	6		4 38	7 22	o 51	10 45	11 9	
8	7		4 39	7 21	1 36	11 37	12 1	
9	Su	4th p. Trin.	4 39	7 21	2 26	o 1	o 25	
10	2		4 40	7 20	3 23	o 54	1 18	
11	3		4 40	7 20	rises	1 47	2 11	
12	4	♀ enters ♐	4 41	7 19	8e 27	2 40	3 4	
13	5		4 42	7 18	8 56	3 29	3 53	
14	6		4 43	7 17	9 24	4 18	4 42	
15	7		4 43	7 17	9 51	5 6	5 30	
16	Su	5th p. Trin.	4 44	7 16	10 18	5 54	6 18	
17	2	☽ flo. 5m40s	4 44	7 16	10 47	6 42	7 8	
18	3		4 45	7 15	11 22	7 32	7 56	
19	4		4 46	7 14	12 3	8 25	8 49	
20	5		4 47	7 13	om 3	9 22	9 46	
21	6	♀ enters ♑	4 47	7 13	o 51	10 22	10 46	
22	7	☽ enters ♐	4 48	7 12	1 48	11 23	11 47	
23	Su	6th p. Trin.	4 49	7 11	2 51	o o	12 24	
24	2		4 50	7 10	3 59	1 o	1 24	
25	3	St. James.	4 51	7 9	sets	1 43	2 7	
26	4		4 51	7 9	7e 43	2 41	3 5	
27	5		4 52	7 8	8 10	3 28	3 52	
28	6		4 53	7 7	8 36	4 12	4 36	
29	7	♀ enters ♑	4 54	7 6	8 59	4 53	5 15	
30	Su	7th p. Trin.	4 55	7 5	9 23	5 35	5 59	
31	2	C	4 56	7 4	9 47	6 17	6 14	

AUGUST, VIII Month, begins on TUES. 31 Days.

First ☽ 1, 10, 20, aft. Full ☽ 9, 4, 46, aft. Last ☽ 16, 0, 12, aft. New ☽ 23, 3, 24, aft. First ☽ 31, 4, 12, aft.

	Remark.	Days	ari.	set	sets	H.	Wat.	Phil.
1	3	Lammas Day	4 57 7	3 10e 15	7m 2.	7e 26		
2	4	Days 14 4	4 58 7	2 10 49	7 48	8 12		
3	5		4 59 7	1 11 29	8 36	9 0		
4	6		5 07	0 12 15	9 26	9 50		
5	7	flow 5m 34 5	1 6 59	0m 15	10 18	10 42		
6	Su	8th p. Trin.	5 26 58	1 10 11	12 11	36		
7	2		5 36 57	2 9 12	5 12	29		
8	3		5 46 56	3 16	0 29	0 53		
9	4		5 56 55	rises	1 20	1 44		
10	5	♀ gr. elong.	5 66 54	7 27	2 11	2 35		
11	6		5 76 53	7 55	3 1	3 25		
12	7	□ ⊕ h	5 86 51	8 22	3 50	4 14		
13	Su	9th p. Trin.	5 106 50	8 51	4 39	5 3		
14	2		5 116 49	9 25	5 30	5 54		
15	3	♀ enters ☽	5 126 48	10 2	6 23	6 47		
16	4		5 136 47	10 51	7 20	7 44		
17	5		5 146 46	11 33	8 18	8 42		
18	6	flow 3m 40	5 156 45	12 45	9 18	9 42		
19	7		5 166 44	0m 45	10 18	10 42		
20	Su	10 p. Trin.	5 176 43	1 51	11 16	11 40		
21	2		5 196 41	3 112	12 0	12		
22	3	⊕ enters ☽	5 206 40	4 7	0 37	1 1		
23	4		5 216 39	5 13	1 45	1 49		
24	5	S. Bartholom.	5 226 38	sets	2 9	2 33		
25	6		5 246 36	7e 5	2 56	3 16		
26	7		5 256 35	7 27	3 34	3 58		
27	Su	11th p. Trin.	5 266 34	7 55	4 17	4 41		
28	2		5 276 33	8 20	5 0	5 24		
29	3	fastow 36	5 286 32	8 52	5 45	6 9		
30	4		5 296 30	9 31	6 34	6 58		
31	5	♂ enters ☽	5 316 29	10 14	7 23	7 47		





SEPTEMBER, IX Mo. begins on FRID. 30 Days.

Full ☽ 8, 2, 41, morn. Last ☽ 14, 6, 10, after.
New ☽ 22, 5, 34, morn. First ☽ 30, 9, 56, mern.

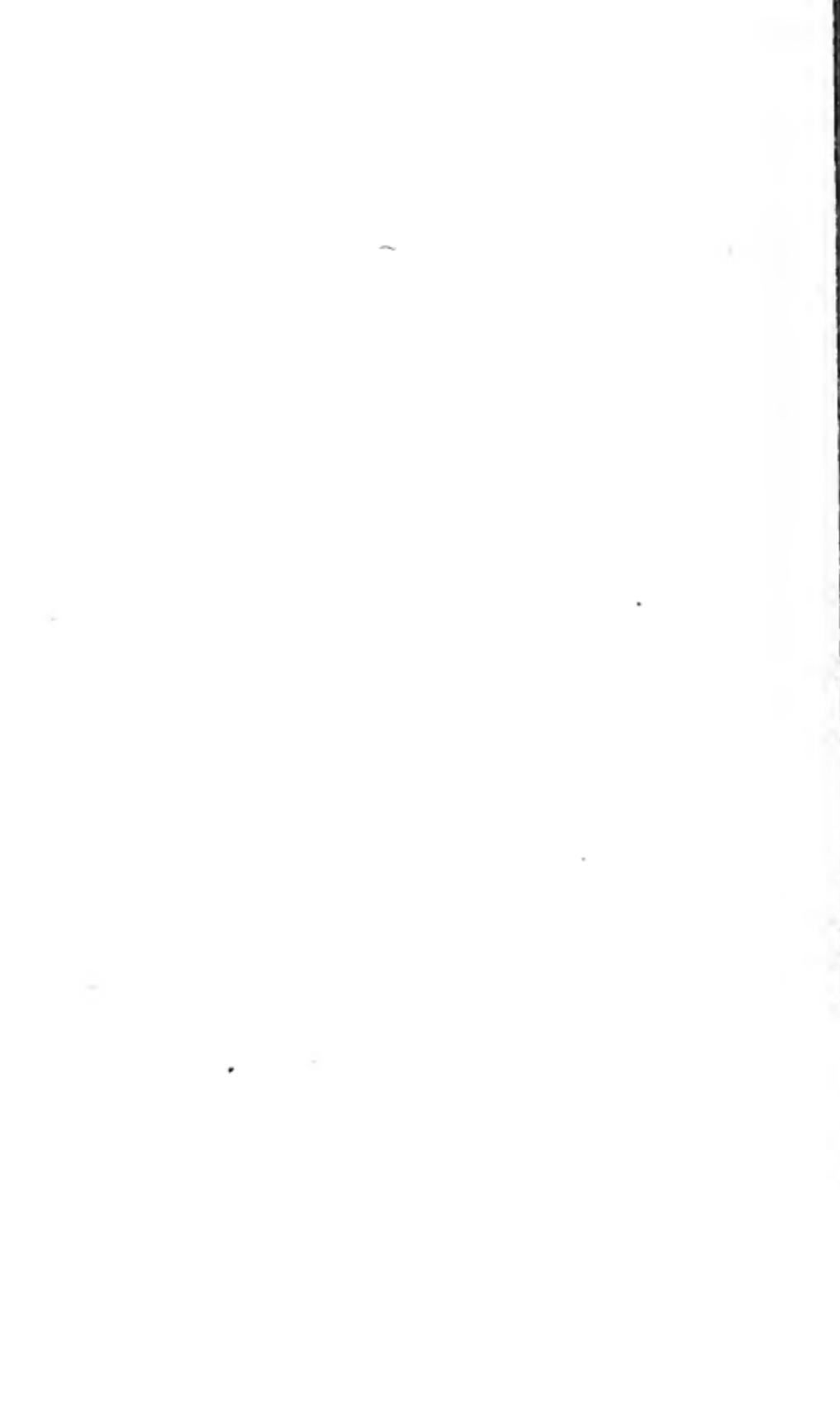
	Remark.	Days	tri.	sei	sets	H.Wat.	Phil.
1	6	Days 12 56	5 32	6 28	11 e 3	8m14	8 e 38
2	7		5 33	6 27	11 59	9 6	9 30
3	Su	12th p. Trin.	5 35	6 25	13 3	9 58	10 22
4	2		5 35	6 25	1m 3	10 51	11 15
5	3	fast 1m35f	5 36	6 24	2 10	11 43	12 7
6	4		5 38	6 22	3 20	0 7	0 31
7	5	♂ ⊖ ♀ infer	5 39	6 21	4 33	0 57	1 21
8	6		5 40	6 20	rises	1 47	2 11
9	7		5 41	6 19	7 e 0	2 37	2 59
10	Su	13th p. Trin.	5 43	6 17	7 37	3 29	3 53
11	2	♀ enters m	5 44	6 16	8 13	4 24	4 48
12	3		5 46	6 14	9 57	5 21	5 45
13	4	fast 4m20f	5 48	6 12	9 49	6 20	6 44
14	5		5 49	6 11	10 50	7 22	7 46
15	6	Days 12 19	5 50	6 10	11 53	8 23	8 47
16	7		5 51	6 9	13 0	9 20	9 44
17	Su	14th p. Trin.	5 53	6 7	1m 0	10 15	10 39
18	2		5 54	6 6	2 7	11 7	11 31
19	3		5 56	6 4	3 13	11 55	12 18
20	4		5 57	6 3	4 19	0 15	0 39
21	5	St. Matthew	5 58	6 2	5 19	0 58	1 22
22	6	Day & Nt. eq	6 0	6 0	sets	1 39	2 3
23	7	♀ gr. elonga.	6 1	5 59	6 e 5	2 22	2 46
24	Su	15th p. Trin.	6 3	5 57	6 31	3 5	3 29
25	2	fast 8m29f	6 4	5 56	7 1	3 50	4 14
26	3		6 5	5 55	7 37	4 36	5 0
27	4		6 6	5 54	8 19	5 25	5 49
28	5		6 8	5 52	9 6	6 15	6 39
29	6	St. Michael	6 9	5 51	9 59	7 6	7 30
30	;		6 11	5 49	10 59	7 58	8 22

OCTOBER, X Month, begins on SUND. 31 Days.

Full ☽ 7, 0, 0, non. Last ☽ 14, 2, 54, morn.

New ☽ 21, 10, 15, after. First ☽ 30, 2, 18, morn.

	Remark.	Days.	Fri.	Offset	sets	H. Wat.	Phil.
1	Su	16th p. Trin.	6 12 5 48	12 e 3	8m50	9 e 14	
2	2	Days 11 34	6 13 5 47	0 m 3	9 40	10 4	
3	3		6 14 5 46	1 8	10 30	10 54	
4	4		6 15 5 45	2 20	11 19	11 43	
5	5	fast 11m39	6 17 5 43	3 33	12 9	12 33	
6	6	♀ enters ☽	6 18 5 42	4 41	0 33	0 47	
7	7	♀ enters ♀	6 20 5 40	rises	1 24	1 48	
8	Su	17th p. Trin.	6 21 5 39	6 e 16	2 19	2 43	
9	2		6 23 5 37	6 58	3 16	3 40	
10	3		6 24 5 36	7 51	4 17	4 41	
11	4		6 25 5 35	8 50	5 20	5 44	
12	5		6 26 5 34	9 53	6 23	6 47	
13	6	fast 13m46	6 28 5 32	11 2	7 24	7 48	
14	7		6 29 5 31	12 10	8 21	8 45	
15	Su	18th p. Trin.	6 30 5 30	0m10	9 13	9 37	
16	2	Days 10 58	6 31 5 29	1 15	10 2	10 26	
17	3		6 32 5 28	2 19	10 46	11 10	
18	4		6 34 5 26	3 21	11 29	11 53	
19	5		6 35 5 25	4 20	12 10	0 10	
20	6	♂ enters m	6 36 5 24	5 19	0 23	0 52	
21	7	♀ enters m	6 37 5 23	6 19	1 10	1 34	
22	Su	19th p. Trin.	6 38 5 22	sets	1 54	2 18	
23	2	♀ enters m	6 39 5 21	5 e 45	2 40	3 4	
24	3	♀ gr. elonga.	6 41 5 19	6 25	3 27	3 51	
25	4	fast 15m48	6 42 5 18	7 10	4 17	4 41	
26	5		6 43 5 17	8 0	5 7	5 31	
27	6		6 44 5 16	8 55	5 58	6 22	
28	7	Simon & Jude	6 45 5 15	9 57	6 48	7 12	
29	Su	20th p. Trin.	6 46 5 14	10 59	7 37	8 1	
30	2		6 48 5 12	12 4	8 25	8 49	
31	3		6 49 5 11	0m 4	9 13	9 37	



NOVEMBER, XI Mo. begins on WED. 30 Days.

Full ○ 5, 9, 25, after. Last ☽ 12, 3, 7, after.
New ☽ 20, 4, 47, after. First ☽ 28, 4, 15, after.

	Remark.	Days	eri.	set	sets	H.Wat.	Phil.
1	4	□ ⊖ 12	6	50 5 10	I m II	10 m 1	10 e 25
2	5		6	51 5 9	2 22	10 49	11 13
3	6	♀ enters ♀	6	52 5 8	3 32	II 40	12 4
4	7		6	54 5 6	4 42	0 4	0 28
5	Su	21st p. Trin.	6	55 5 5	5 58	I 0	I 24
6	2		6	57 5 3	rises	2 0	2 24
7	3	♂ ⊖ ♂	6	58 5 2	6 e 36	3 3	3 27
8	4	♂ ⊖ 4	6	59 5 1	7 41	4 7	4 31
9	5	efast 15m 54	7	0 5 0	8 50	5 12	5 36
10	6		7	I 4 59	9 59	6 13	6 37
11	7	♀ enters ♀	7	2 4 58	II 8	7 8	7 32
12	Su	22d p. Trin.	7	3 4 57	I2 II	7 58	8 22
13	2		7	4 4 56	Om II	8 45	9 9
14	3		7	5 4 55	I 15	9 28	9 52
15	4		7	6 4 54	2 12	10 9	10 33
16	5	Days 9 46	7	7 4 53	3 II	10 51	I 15
17	6	efast 14m 41	7	8 4 52	4 10 II	11 32	II 56
18	7		7	9 4 51	5 7	0 0	0 15
19	Su	23d p. Trin.	7	I0 4 50	6 6	0 25	0 59
20	2		7	I0 4 50	sets	I 22	I 46
21	3	⊖ enters ♀	7	II 4 49	5 e 4	2 I 1	2 35
22	4		7	I2 4 48	5 52	3 I	3 25
23	5		7	I3 4 47	6 48	3 51	4 15
24	6	Days 9 32	7	I4 4 46	7 46	4 41	5 5
25	7	efast 12m 34	7	I5 4 45	8 51	5 30	5 54
26	Su	24th p. Trin.	7	I5 4 45	9 54	6 17	6 41
27	2	♂ enters ♀	7	I6 4 44	10 56	7 2	7 26
28	3		7	I7 4 43	I2 I	7 47	8 II
29	4		7	I7 4 43	Om I	8 33	8 57
30	5	Days 9 24	7	I8 4 42	I 6	9 22	9 46

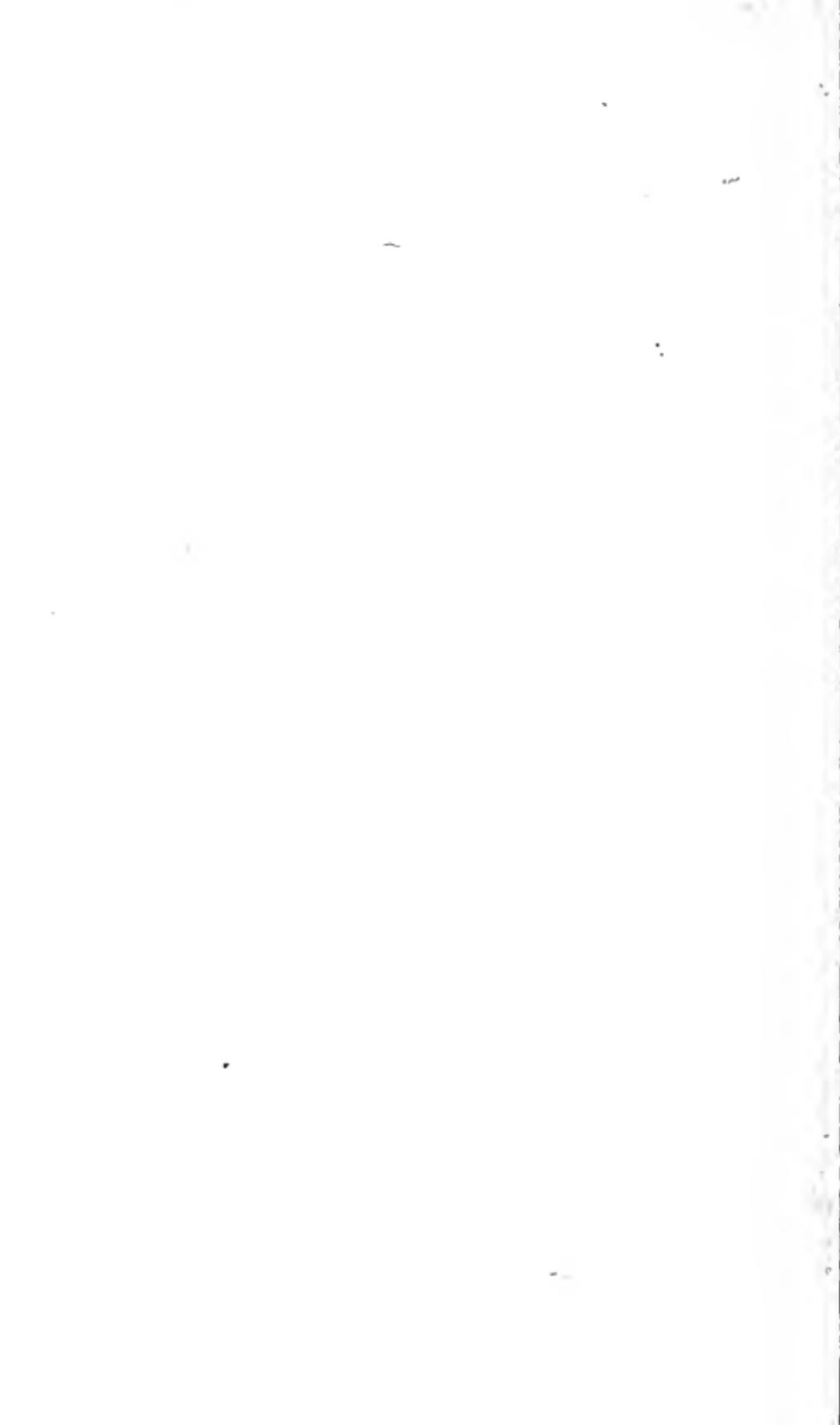
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DECEMBER, XII Mo. begins on FRI. 31 Days.

Full ☽ 5, 7, 33, morn. Last ☽ 12, 6, 55, morn.
New ☽ 20, 11, 49, morn. First ☽ 28, 3, 20, morn.

	Remark.	Days	Mer.	set	sets	H.	W.	Phil.
1	6 Days 9 23	7	19 4 41	2 m 15	10 m 24	10 e 38		
2	7 ☽ enters ☽	7	20 4 40	3 26	11 9 11	11 33		
3	Su Advent Sund.	7	20 3 40	4 40	12 9 12	12 33		
4	2	7	21 4 39	5 56	○ 33	○ 57		
5	3 ☽ gr. elong.	7	21 4 39	rises	1 36	2 0		
6	4	7	22 4 38	6 e 18	2 41	3 5		
7	5	7	22 4 38	7 28	3 45	4 9		
8	6	7	23 4 37	8 39	4 45	5 9		
9	7 ☽ fast 7 m 6 f	7	23 5 37	9 48	5 39	6 3		
10	Su 2d in advent	7	23 4 37	10 53	6 29	6 53		
11	2	7	23 4 37	11 55	7 15	7 39		
12	3	7	24 4 36	12 54	7 57	8 21		
13	4 ☽ fast 5 m 14	7	24 4 36	Om 54	8 39	9 3		
14	5 ☽ stationary	7	24 4 36	1 53	9 20	9 44		
15	6 ☽ stationary	7	24 4 36	2 51	10 2	10 26		
16	7	7	25 4 35	3 51	10 46	11 10		
17	Su 3d in Advent	7	25 4 35	4 50	11 33	11 57		
18	2 Days 9 10	7	25 4 35	5 47	○ 0	○ 20		
19	3	7	25 4 35	6 40	○ 45	1 9		
20	4	7	25 4 35	sets	1 35	1 59		
21	5 ☽ enters ☽	7	25 4 35	5 e 28	2 25	2 49		
22	6	7	25 4 35	6 30	3 15	3 39		
23	7 ☽ ☽ ☽ infer	7	25 4 35	7 33	4 3	4 27		
24	Su 4th in Adv.	7	25 4 35	8 38	4 48	5 12		
25	2 CHRISTMAS	7	25 4 35	9 40	5 33	5 57		
26	3	7	25 4 35	10 45	6 18	6 42		
27	4	7	25 4 35	11 49	7 3	7 27		
28	5	7	24 4 36	12 56	7 51	8 15		
29	6 Days 9 12	7	24 4 36	Om 56	8 43	9 7		
30	7	7	24 4 36	2 9 9	9 40	10 4		
31	Su 1st p. Christm.	7	24 4 36	3 21	10 39	11 2		





RULE to find the Time of HIGH WATER at the following Places:

		H. M.
To the Time of High Water at Philadelphia, add, for	Cape May, or Cape Henlopen,	6 15
	New-York,	1 0 0
	Cape Henry,	9 0 0
	Cape Hatteras,	9 0 0
	Charleston Light-house,	5 0 0
	Cape-Canfo	6 30
	Hallifax,	6 0
	Port Roseway,	6 15
	Boston,	8 0 0
	Nantucket Shoals,	7 0 0

And you have the time of
High Water at the pro-
posed place.

E X A M P L E S.

Required the time of high water at Cape May,
April 1, 1786.

H. M.

Morning.	To 4 3, time high water in the Alma- nac, for Philadelphia,
	Add 6 15,
Evening.	10 18, time of high water at Cape May, required
	To 4 27, time of high water at Philadel- phia,
	Add 6 15,
	10 42, time of high water at Cape May, required.

N. B. If after the addition the sum be greater than 12 hours, then throw 12 hours away, and the remainder is the evening tide of that day, or the morning tide of the next day.

TABLE of DOLLARS and other COINS,
as they now pass in each of the United States,

Number of Dollars and Weight of Coins.	N. Hamp. Massachus. R. Island, Conn. & C.		New York and N. Carolin. Virginia.		N. Jersey, Pennsylva. Delaware, Maryland	
	Dollars.	£. s. d.	£. s. d.	£. s. d.	£. s. d.	£. s. d.
1	0 6 0	0 8 0	0 7 6			
5	1 10 0	2 0 0	1 17 6			
10	3 0 0	4 0 0	3 15 0			
15	4 10 0	6 0 0	5 12 6			
20	6 0 0	8 0 0	7 10 0			
30	9 0 0	12 0 0	11 5 0			
40	12 0 0	16 0 0	15 0 0			
50	15 0 0	20 0 0	18 15 0			
60	18 0 0	24 0 0	22 10 0			
70	21 0 0	28 0 0	26 5 0			
80	24 0 0	32 0 0	30 0 0			
90	27 0 0	36 0 0	33 15 0			
100	30 0 0	40 0 0	37 10 0			
200	60 0 0	80 0 0	75 0 0			
300	90 0 0	120 0 0	112 10 0			
400	120 0 0	160 0 0	150 0 0			
500	150 0 0	200 0 0	187 10 0			
1000	300 0 0	400 0 0	375 0 0			
Guinea	dwt.gr.					
French	5	1 7 6	1 16 0	1 14 6		
English	5	1 8 0	1 17 0	1 15 0		
Crown,	19	0 6 8	0 8 9	0 8 4		
Half Joe,	9	2 8 0	3 4 0	3 0 0		
Pistole,	4	1 2 0	1 8 0	1 7 0		
Doubleon,	17	4 8 0	5 16 0	5 12 0		
Moidore,	6	1 16 0	2 6 0	2 5 0		

With RULES for reducing the Currencies of each State, into any of the others.

R U L E S

S. Carolina
and
Georgia.

£. s. d.
0 4 8
1 3 4
2 2 6
3 10 0
4 13 4
7 0 0
9 6 8
II 13 4
14 0 0
15 6 8
18 13 4
21 0 0
23 6 8
46 13 4
70 0 0
93 6 8
116 13 4
233 6 8

TO reduce *New-Hampshire, &c.* to *New-Jersey, &c.* currencies add $\frac{1}{4}$.—Do. to *N.York, &c.* add 1-3 to the *N.H.* sum.—Do. to *S. Carolina, &c.* multiply the *N.H.* sum, by 7, and divide by 9.

To reduce *N.York, &c.* to *N.Hampshire, &c.* currencies, deduct $\frac{1}{4}$.—Do. to *N.Jersey, &c.* deduct 1-16 from the *N.York, &c.* sum.—Do. to *S. Carolina, &c.* multiply the *N.York* sum by 7, and divide by 12.

To reduce *N.Jersey, &c.* to *N.Hampshire, &c.* currencies, deduct 1-5.—Do. to *N.York, &c.* add 1-15 to the *N.Jersey, &c.* sum.—Do. to *S. Carolina, &c.* multiply the *N.Jersey* sum by 28, and divide by 45.

To reduce *S. Carolina, &c.* to *New Hampshire, &c.* currencies, multiply the former by 9 and divide by 7.—Do. to *N.York, &c.* multiply the former by 12, and divide by 7.—Do. to *N.Jersey, &c.* multiply the former by 45 and divide by 28.

I 1 9

I 1 5

0 5 0

2 17 -

0 17 6

3 10 0

1 8 0

To reduce *British money*—

To *N.Jersey &c.* currencies, multiply the British money by 5, and divide the product by 3: On the contrary, to reduce currency to sterling, multiply by 3, and divide by 5. E

Scale of Depreciation as established by CONGRESS.

1777.	Dols. 90s. 8s.			1778.	Dols. 90s. 8s.		
Sept.	1	100		Aug.	27	87	3
	2	99	62		15	26	88
	15	95	68		Sept.	24	78
Oct.	2	90	77	3	18	22	84
	20	85	84	6	Oct.	20	84
Nov.	1	82	73	0	16	19	81
	17	78	73	0	Nov.	17	88
Dec.	4	74	70	0	17	16	83
	17	71	74	7	Dec.	11	14
1778.				25	13	87	0
Jan.	4	67	85	0	1779.		
	19	64	59	7	Jan.	9	12
Feb.	3	61	83	2	24	11	89
	14	59	77	3	Feb.	11	10
March	2	56	79	6	March	2	9
	18	52	84	5	April	3	8
April	5	48	74	4	May	10	7
	19	45	76	5	June	21	6
May	4	42	77	5	Aug.	8	5
	20	39	80	0	Sept.	28	4
June	6	36	86	1	Nov.	22	3
	19	34	77	3	1780.		
July	2	32	79	3	Feb.	2	2
	16	30	79	0	Mar.	18	89
						45	0

Delaware adopted the above, and added the following:

1780.	Dols. 90tbs.	Sept. 18	1	52
April 18	2 23	Oct. 18	1	44
May 18	2 7	Nov. 18	1	40
June 18	1 8	Dec. 18	1	35
July 18	1 70	1781.		
Aug. 18	1 60	Jan. 18	1	30

Scales of Depreciation, for New-Jersey, Pennsylvania, and Maryland.

1777. Jers. Penn. Mar.				Jersey. Penn. Mar.			
Jan. 95	0 0	1 $\frac{1}{2}$	1 $\frac{1}{2}$	Apr. 6	5 0	17	17
Feb. 90	0 0	1 $\frac{1}{2}$	1 $\frac{1}{2}$	May 5	0 0	24	24
Mar. 30	0 0	2	2	June 5	0 0	20	20
Apr. 70	0 0	2 $\frac{1}{2}$	2 $\frac{1}{2}$	July 5	0 0	19	20
May 60	0 0	2 $\frac{1}{2}$	2 $\frac{1}{2}$	Aug. 4	5 0	20	20
June 50	0 0	2 $\frac{1}{2}$	2 $\frac{1}{2}$	Sept. 4	5 0	24	24
July 44	8 10 $\frac{1}{2}$	3	3	Oct. 3	6 8	30	30
Aug. 40	0 0	3	3	Nov. 2	15 6 $\frac{1}{2}$	38 $\frac{1}{2}$	38 $\frac{1}{2}$
Sept. 36	7 3 $\frac{3}{4}$	3	3	Dec. 2	10 0	41 $\frac{1}{2}$	41 $\frac{1}{2}$
Oct. 33	6 8	3	3			1780.	
Nov. 33	6 8	3	3	Jan. 2	7 5	40 $\frac{1}{2}$	40
Dec. 33	6 8	4	4	Feb. 2	0 0	47 $\frac{1}{2}$	47 $\frac{1}{2}$
1778.				Mar. 1	13 4	61 $\frac{1}{2}$	60
Jan. 25	0 0	4	4	Apr. 1	13 4	61 $\frac{1}{2}$	60
Feb. 25	0 0	5	5	May 1	13 4	59	60
Mar. 25	0 0	5	5	June 1	13 4	61 $\frac{1}{2}$	60
Apr. 20	0 0	6	6	July 1	13 4	64 $\frac{1}{2}$	60
May 20	0 0	5	5	Aug. 1	13 4	70	65
June 20	0 0	4	4	Sept. 1	13 4	72	75
July 20	0 0	4	4	Oct. 1	6 8	73	85
Aug. 20	0 0	5	5	Nov. 1	6 8	74	90
Sept. 20	0 0	5	5	Dec. 1	6 8	175	100
Oct. 20	0 0	5	5			1781.	
Nov. 16	13 4	6	6	Jan. 1	6 8	75	110
Dec. 14	0 8 $\frac{1}{2}$	6	6	Feb. 1	2 2 $\frac{1}{2}$	75	120
1779.				Mar. 1	0 0	75	140
Jan. 12	10 0	8	8	Apr. 1	16 8	75	160
Feb. 10	0 0	10	10	May 1	13 4		280
Mar. 8	10 0	10	10	June			280

Explanation. On 1st Jan. 1777, £100 continental money is fixed at £95 specie, in Jersey; and in Maryland and Pennsylv. one dollar at one $\frac{1}{2}$ half.

TABLE of INTEREST at 6 per Cent.

Prin	1 Mon.	3 Mon.	6 Mon.	9 Mon.	a Year.
L.	l. s. d.				
100	1 0	0 3 0	0 6 0	0 9 0	0 12 0
200	2 0	0 6 0	0 12 0	0 18 0	1 4 0
300	3 0	0 9 0	0 18 0	1 7 0	1 16 0
400	4 0	0 12 0	1 4 0	1 16 0	2 8 0
500	5 0	0 15 0	1 10 0	2 5 0	3 0 0
600	6 0	0 18 0	1 16 0	2 14 0	3 12 0
700	7 0	1 1 0	2 2 0	3 3 0	4 4 0
800	8 0	1 4 0	2 8 0	3 12 0	4 16 0
900	9 0	1 7 0	2 14 0	4 1 0	5 8 0
1000	10 0	1 10 0	3 0 0	4 10 0	6 0 0
2000	1 0 0	3 0 0	6 0 0	9 0 0	12 0 0
3000	1 10 0	4 10 0	9 0 0	13 10 0	18 0 0
4000	2 0 0	6 0 0	12 0 0	18 0 0	24 0 0
5000	2 10 0	7 10 0	15 0 0	22 10 0	30 0 0
6000	3 0 0	9 0 0	18 0 0	27 0 0	36 0 0
7000	3 10 0	10 10 0	21 0 0	31 10 0	42 0 0
8000	4 0 0	12 0 0	24 0 0	36 0 0	48 0 0
9000	4 10 0	13 10 0	27 0 0	40 10 0	54 0 0
10000	5 0 0	15 0 0	30 0 0	45 0 0	60 0 0

TABLE at 7 per Cent.

	1 Month	3 Mon.	1 Year.
100	1 2	0 3 6	0 14 0
200	2 4	0 7 0	1 8 0
300	3 6	0 10 6	2 2 0
400	4 8	0 14 0	2 16 0
500	5 10	0 17 6	3 10 0
600	7 0	1 1 0	4 4 0
700	8 2	1 4 6	4 18 0
800	9 4	1 8 0	5 12 0
900	10 6	1 11 6	6 6 0
1000	11 8	1 15 0	7 0 0

THE territory of the United States contain by computation, a million square miles, in which are 640,000,000 of acres. The inhabitants of the U. S. are computed to be above 3,000,000.

Abstract of the Law for imposing Duties on Goods
imported into this State, to commence Jan. 1, 1786.

UPON every coach, chariot, landau, or other carriage, 20*l.* On every chaise, chair, kittereen, curricle, or other two wheel carriage, 10*l.* Every clock, 30*s.* Every dozen packs of playing cards, 7*s/6.* Every dozen of reaping hooks and sickles, 12*s.* Every dozen scythes, (except Dutch and German) 15*s.* Every cwt. refined sugar, 8*s/4.* Every gallon of beer, ale, porter and cyder in casks, 6*d.* Bottled beer, porter, or cyder, per dozen, 4*s.* Salted and dried fish, per cwt. 7*s/5.* Soap (Castile excepted) per lb. 1*d.* Every cwt. butter & cheese, 8*s/4.* Wax and tallow candles, starch and hair powder, per lb. 1*d.* Chocolate, per lb. 4*l.* Glue, per lb. 2*d.* Tobacco, per lb. 6*d.* Snuff, including the bottle, cannister, or package, per lb. 1*s.* Mens and womens leather shoes, per pair, 2*s.* Womens silk shoes and slippers, per pair, 2*s/6.* Stuff shoes and slippers, per pair, 1*s.* Boots, per pair, 5*s.* Wrought gold, per ounce, 20*s.* Wrought silver, per ounce, 2*s.* Hyson tea imported from Europe or the West Indies, per lb. 6*d.* All other teas imported from ditto, per lb. 2*d.* Every faddie, 12*s/6.* Every beaver hat, 7*s/6.* White ropes, log lines, twine, and seines, per cwt. 12*s/6.* Tarred cordage, yarn, and fixed rigging, per cwt. 8*s/4.* On all rum imported into foreign vessels, and also on all rum imported by land or water from any of the U. S. unless therein distilled, or imported into the same by vessels belonging to the United States, 6*d.* per gallon. Wines, lemons, or raisins, the growth of the Portuguese dominions, *to wit*, wines per gall. 1*s.* lemons per box, 5*s.* raisins, per cwt. 7*s/6.* These dutes to continue while American flour is

Prohibited in Portugal. On beef, 2 per cent. ad valorem. On all linens made of flax, on all panes, plates, vessels, and utensils of British glass, 2 1-2 per cent. ad valorem. On malted barley and other malted grain, pork, horn and tortoise shell combs, manufactures of refined iron, or of refined iron or steel, not otherwise rated by this act, except wire files, tinned plates, and Dutch or German scythes and cutting knives, 5 per cent. On foreign made carpenters work, blocks for shipping, sleeves for ships use, tawed and tanned foreign leather, not otherwise rated by this act, upon all turned work and turner's wares, 7 1-2 per centum. On hulled barley, dried pease, mustard, lampblack, cotton, and wool cards, manufactured leather, pasteboard, parchment, writing, printing, sheathing, and wrapping paper, paper hangings, utensils and vessels of pewter, tin, lead, wrought copper, brass, bell-metal cast iron, British steel, slit iron, nail rods, sheet iron, ready made garments for men and women's wear, caftor and wool hats, polished and cut stones in imitation of jewellery, chimney pieces, tables, and other polished marble, cabinet and joiners work, carriage and horseman's whips, walking canes, musical and surveyors instruments, stone and earthen ware, blank books, ready made sails and saddletrees, 10 per centum. On all testaments, psalters, spelling books, and primers, as well German as English, on all novels, romances and plays; 15 per centum. On all vessels belonging in whole or in part to foreign states, (except such as Congress have entered into treaties with) 7/6 per ton, carpenter's measure, for each voyage.

President of Congress,

His excellency JOHN HANCOCK, esq.

Secretary, Charles Thomson, esq.

Deputy Secretary, Roger Alden, esq.

Chaplains, Rev. Messrs. Rogers and Provost.

Printers to Congress, Dunlap and Swain.

Doorkeeper, R. Patton. Messenger, J. Mathers.

~~As~~ A complete list of the Delegates could not be obtained in time for this publication.

CIVIL OFFICERS of CONGRESS, MINISTERS, &c.

Board of Treasury.

Commissioners, Samuel Osgood, Walter Livingston, and Arthur Lee, esqrs. Treasurer, Michael Hillegas, esq. Comptroller, James Milligan, esq. Register, Joseph Nourse, esq. Auditor, John de Mercier, esq. Secretary, William Duer, esq.

Secretary for Foreign Affairs, John Jay, esq.

Secretary at War, Major-General Knox.

Postmaster General, Ebenezer Hazard, esq.

Assistant, James Bryson, esq.

Geographer, Thomas Hutchins, esq.

Commissioners for adjusting the Accounts of the Staff Departments, viz. William Denning, esq. for the quarter-master's. Jonathan Burrel, esq. commissary's. Edward Fox, esq. hospital. John Bindon, esq. clothier's. John Pierce, esq. for the army.

Commissioners for settling the Accounts of the Citizens of the several States, who have claims against the United States. Stephen Gorham, New-Hampshire. William Imlay, Massachusetts. William Thomson, Connecticut. Edward Chinn, Rhode-Island. William Barber, New-York. Benjamin Thomson, New-Jersey. Benjamin Stelle and John Storey, Pennsylvania. William Winder,

Delaware. John White, *Maryland.* Andrew Dunscomb, *Virginia.* John Hindman, *North-Carolina.* Guilliam Aertson, *South-Carolina.* Job Sumner, *Georgia.*

American Ministers at Foreign Courts.

Hon. John Adams, *Britain.* Thomas Jefferson, *France.*—These gentlemen are also commissioners for negotiating Treaties. William Carmichael, esq. *charge de affaires at Madrid.* Charles W. F. Duma, *agent at the Hague.*

American Consuls. Thomas Barclay, esq. *France.* J. M. Pintard, esq. *Madeira.* Oliver Pollock, esq. *Havanna.*

Foreign Ministers to Congress.

Hon. P. Van Berkel, *United Netherlands.* Don Diego de Gardoqui, *Spain.* Sieur Otto, *charge de affaires from France.*

Foreign Consuls.

From France. Sieur Marbois, *Pennsylvania and Delaware.* Sieur de l'Etombe, *New-Hampshire, Massachusetts and Rhode-Island.* Sieur de St. Jean de Crevecoeur, *Connecticut, N. York, and N. Jersey.* Chevalier d'Annemours, *Maryland and Virginia.* Sieur Ignace Romain, chevalier d'Avista de Chateaufort, *N. and S. Carolina and Georgia.*

From the United Netherlands. Diederick Leerteweerd, *New-Hampshire and Massachusetts.* Herman le Roy, *New-York and New-Jersey.* Jan Hendrick Christian Heinekin, *Pennsylvania and Delaware.* Adrian Valk, *Maryland and Virginia.* Jan Boonen Graves, *North and South Carolina and Georgia.*

From Sweden. Carolum Helstedt, *at Philadelphia.* Richard Loderstrom, *at Boston.*

From Britain. John Temple.

P E N N S Y L V A N I A.

MEMBERS of the SUPREME EXECUTIVE COUNCIL

President. His excy. BENJAMIN FRANKLIN, esq.

Vice-President. The hon. CHARLES BIDDLE, esq.

Philadelphia	{ City,	Benjamin Franklin,
	{ County,	Henry Hill,
Bucks,	-	Samuel Dean,
Chester,	-	Evan Evans,
Lancaster,	-	John Whitehill,
York,	-	Richard M'Allister,
Berks,	-	Charles Biddle,
Cumberland,	-	Jonathan Hoge,
Northampton,	-	Stephen Balliot,
Bedford,	-	Bernard Dougherty,
Northumberland,		John Boyd,
Westmoreland,	-	Isaac Mason,
Washington,	-	John Neville,
Fayette,	-	John Woods,
Franklin,	-	James M'Lene,
Montgomery,	-	Peter Muhlenberg,
Dauphin,	-	William Brown, esqrs.

Secretary, John Armstrong, jun. esq.

Deputy Secretary, James Trimble, esq.

Doorkeeper, Frederick Snyder.

MEMBERS of GENERAL ASSEMBLY.

Speaker. The hon. THOMAS MIFFLIN, esq.

Philadelphia City.

William Will,	Thomas Mifflin,
Robert Morris,	George Logan,
Thomas Fitzsimons,	Wm. Robinson, jun. esqrs

Thomas Fitzsimons,

James Irvine,

George Clymer, esqrs.

Philadelphia County.

Bucks.

Isaac Gray,	John Clark,
John Salter,	Arthur Erwin,
	Samuel Foulke,
	John Smith,
	Joseph Thomas, esqrs.

Chester.

Anthony Wayne,
Robert Ralston,
James Moore,
Thomas Bull,
John Hannum,
Robert Smith,
Samuel Evans,
Jonathan Morris, esqrs.

Lancaster.

Edward Hand,
Adam Hubley,
Alexander Lowry,
Samuel J. Atlee,
Emanuel Carpenter,
Joseph Work,
Abraham Scott, esqrs.

York.

Henry Miller,
David M'Conaughy,
Michael Smyser,
Philip Gartner,
Joseph Lilly,
Henry Tyson,
David M'Clellan,
Ad. Eichelberger, esqrs.

Cumberland.

Robert Whitehill,
John Carothers,
Frederick Watts,
John Creigh, esqrs.

Berks.

Abraham Lincoln,
Nicholas Lutz,
Henry Spyker,
Philip Kreemer,

David Davis,

Balser Gehr, esqrs.
Northampton.

Thomas Mawhorter,
Robert Trail,
Peter Trexler,
Peter Burkhalter,
Robert Brown, esqrs.
Bedford.

George Woods,
John Piper, esqrs.
Northumberland.

Frederick Antes,
Samuel Dale,
William M'Clay, esqrs.
Westmoreland.

William Finley,
William Todd,
John Hughes, esqrs.
Washington.

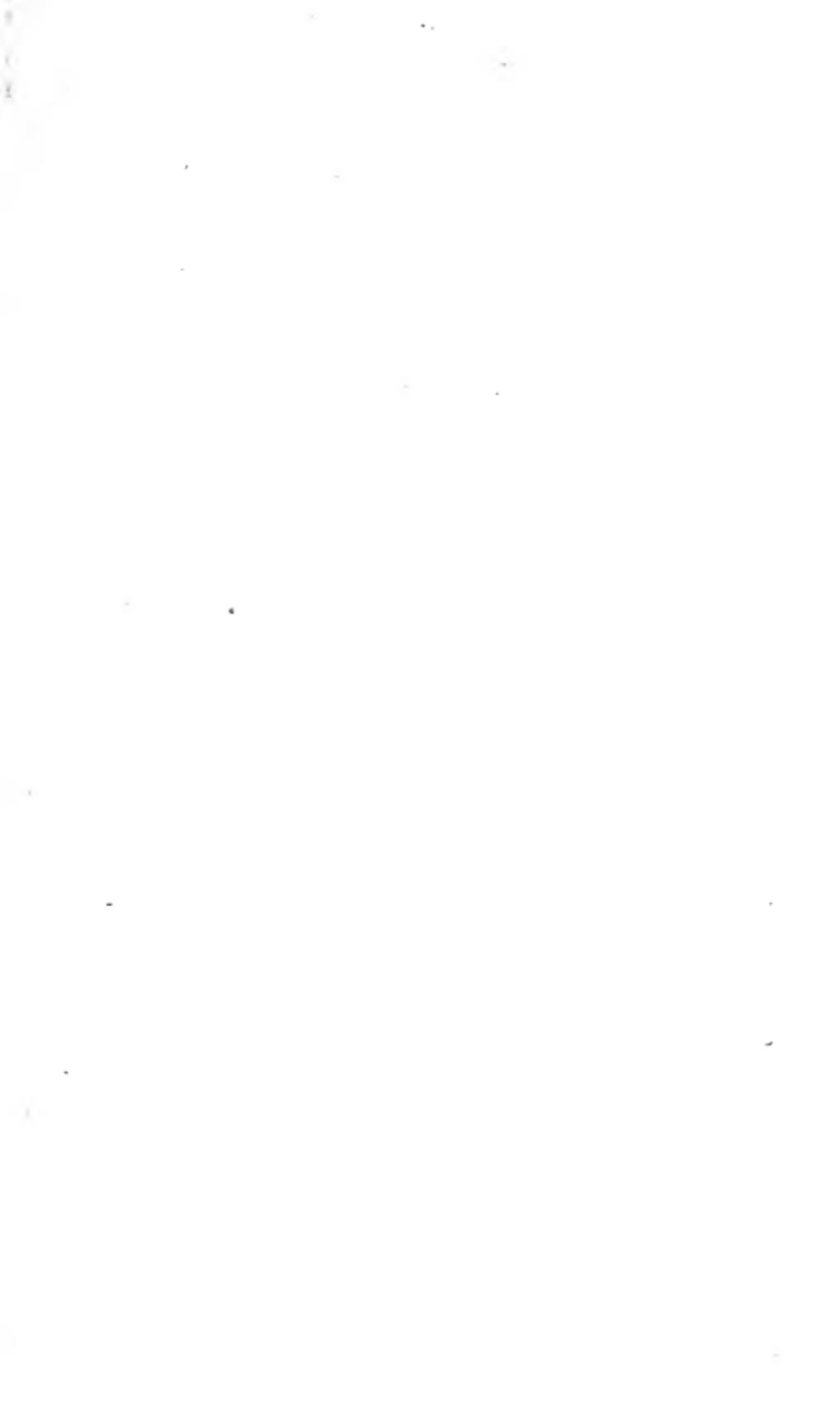
John M'Dowell,
James Edgar, esqrs.
Fayette.

John Smilie, esq.
Franklin.

James M'Calmon, t
Abraham Smith,
John Rhea, esqrs.
Montgomery.

Benjamin Rittenhouse,
Robert Lollar,
Peter Richards,
Thomas Rees, esqrs.
Dauphin.

Robert Clark,
Adam Orth,





David Krouse, | Daniel Bradley, esqrs.
Samuel Bryan, esq. Clerk.
Jacob Shallus, esq. Assistant Clerk.
Sergeant at Arms, Nicholas Weaver, esq.
Doorkeeper, Joseph Fry.

CIVIL OFFICERS for the STATE.

High Court of Errors and Appeals.

Judges, His excellency Benjamin Franklin, the hon. Thomas M'Kean, William Augustus Atlee, George Bryan, Jacob Rush, Francis Hopkinson, Samuel Miles, and Henry Wynkoop, esqrs.

Supreme Court, and Court of Oyer and Terminer.

Chief Justice, Hon. Thomas M'Kean, esq.

Assistants, Hon. William A. Atlee, George Bryan, and Jacob Rush, esqrs.

Attorney-General, William Bradford, jun. esq.

Prothonotary, Edward Burd, esq.

Cryer of the Courts, William Sheed.

Court of Admiralty.

Judge, Hon. Francis Hopkinson, esq.

Register, James Read, esq. of Reading.

Marshal, Clement Biddle, esq.

Land Office.

Surveyor General, John Lukens, esq.

Receiver General, Francis Johnson, esq.

Secretary, David Kennedy, esq.

Loan-Officers, Robert Smith, Rowland Evans, and George Schlosser, esqrs.

State Treasurer, David Rittenhouse, esq.

Comptroller General, John Nicholson, esq.

Naval Officer, Frederick Phyle, esq.

Collector of the Customs, Sharp Delany, esq.

Health Officer, John Jones, esq.

Physicians of the Port, B. Rush, & J. Hutchison.

Sworn Interpreter, Peter S. du Ponceau, esq.

OFFICERS for the City and County.

Judges of the City Court.

President, Edward Shippen, esq.

Plunket Fleeson, William Rush, William Adcock, Isaac Howell, Joseph Wharton, John Gill, esqrs.

Clerk, John Haley, esq.

Justices of the Court of Quarter Sessions and Common Pleas for Philadelphia County.

The judges of the City Court; also, Samuel Wharton, Jonathan Penrose, William Masters, James Loughead, John Knowles, John Nice, esqrs.

Prothonotary, Jonathan B. Smith.

Clerk, Hilary Baker, esq.

Register of Wills, George Campbell, esq.

Recorder of Deeds, Matthew Irvine, esq.

Sheriff, Joseph Cowperthwait, esq.

Coroner, John Leacock, esq.

Excise Officer, Edward Bartholomew, esq.

Tonnage Officer, John Baynten, esq.

Wardens of the port of Philadelphia, Francis Gurney, Samuel Caldwell, Thomas Pryor, George Ord, Nathaniel Falconer, John Hazlewood, Joseph Bullock, esqrs.

City Wardens, William Hall, David Sheaffer, jun. George Bickham, Jonathan Mifflin, Israel Wheel-
en, Leonard Jacoby, esqrs.

Wardens clerk, George Honey, jun.

Street Commissioners, Andrew Geyer, Nathan Boys, John Purdon, Peter Kraft, Jacob Hiltz-
heimer, William Richards, esqrs.

Regulators of the Streets, Joseph Wetherill, James Pearson, Josiah Matlack, John Connelly, esqrs.

Auctioniers. Arthur St. Clair, esq. for the City.

James Mease, esq. for Southwark.

Alex. Boyd, esq. Northern Liberties.

Clerk of the Market, William Moulder.





UNIVERSITY of PENNSYLVANIA.

Provost, Rev. Dr. John Ewing, Professor of Natural Philosophy.

Vice Provost, Rev. Dr. Samuel M'Gaw, Professor of Logic, Moral Philosophy and the English Language.
James Davidson, M. A. Professor of the Languages.
Robert Patterson, M. A. Professor of Mathematics.
Rev. Dr. Henry Helmuth, Professor of the German and Oriental Language.

Dr. William Shippen, jun. Professor of Anatomy.
Dr. Adam Kuhn, Professor of Materia Medica and Botany.

Dr. Benjamin Rush, Professor of Chemistry.
Master of the Mathematical School, Mr. B. Workman.
Tutor in ditto, Mr. Joseph Workman.
Master of the Latin School, Mr. M'Dowall,
Tutor in ditto, Mr. Gamble.
Master of the German School, Mr. Powel.
Do. English School, Mr. David Johnston.
Do. Free School, Mr. William Oliphant.

PROTESTANT EPISCOPAL ACADEMY,
in Philadelphia.

Principal, The Rev. John Andrews, D. D.
TUTORS.

Latin School, Colin Brown, A. M.
Mr. G. B. Ewart.

Mathematical School, Mr. Thomas Sergeant.
The Place of Second Tutor in this School is now vacant.
English School, Mr. John George, Mr. Gervas Hall.
Writing School, Mr. John Ely.

BANK of NORTH-AMERICA.

President, Thomas Willing, esq.

Directors, Thomas Fitzsimons, John Nixon,
Richard Bache, John M. Nesbit, Henry Hill,

Josiah Hewes, John Ross, Samuel Powel, Andrew Caldwell, Cadwallader Morris, Mordecai Lewis, esqrs. *Cashier*, Tench Francis, esq.

Rules observed at the Bank.

The Bank will be open every day in the year, except Sundays, Christmas Day, Good Friday, the 4th of July, and other holy days appointed by legal authority.

Hours of business, from ten to one o'clock in the forenoon, and from three to five o'clock in the afternoon.

Discounts are done on Thursday in every week, and notes for discount must be left at the bank on Wednesday, under a cover directed to the President and Directors: The rate of discount is at present fixed at *six per cent. per annum*; but no discount will be made for longer than thirty or forty five days.

Money lodged in the bank may be re-drawn at pleasure, free of expence.

Payments made at the bank must be examined at the time, as no deficiency suggested afterwards will be admitted.

S T A G E S.

To the Eastward.

Stages set out for New-York, every morning (Sundays excepted) from Mr. Thomson's, at the Indian Queen, Fourth-street; and from Mr. Lee's, at the Indian Queen, Market-street; others return the same day.—Another stage sets out from Mrs. Paul's, at the Indian King, Market-street, every Monday, Wednesday, and Friday, and reaches New-York next day.

Two other stages for New-York, partly by



land and partly by water, leave the Crooked Billet wharf, on Wednesday and Sunday mornings; and return generally on Tuesday and Friday evenings.

From New-York the stages reach Boston in six days.

To the Southward.

Stages for Baltimore sets out from Mr. Thomson's and Mr. Lee's, on Monday, Wednesday and Friday mornings; and returns on Tuesday, Thursday, and Saturday evenings.

A stage for Baltimore, partly by land and partly by water, sets off twice a week from the Crooked Billet wharf.

From Baltimore, stages set out for different parts of the southern states.

A stage boat for Christiana sets off twice a week from Mr. Hollingsworth's wharf.

To the Westward.

A stage for Lancaster, leaves the King of Prussia, Market-street, on Monday and Friday mornings; & returns on Wednesday & Saturday.

P O S T S and P A C K E T S.

BY a late regulation, the mails from the beginning of this year, are to be carried by the stages.

Letters for the French and British packets are received at all the Post Offices throughout the United States; the postage to New-York is to be paid at the Office in which the letters are left.

The French Packet leaves New-York, about the 15th of every month.

The British packet fails from New-York the first Wednesday of every month.

C O U R T S of L A W.

PENNSYLVANIA.

Courts of Errors and Appeals,

AT Philadelphia, at least twice every year, *viz.* On the 6th of April and 20th of September, unless it falls on Sunday, in which case on the day following.

Supreme Courts,

AT Philadelphia, the tenth of April and the 24th of September. In the rest of the state as may be appointed by the judges.

Courts of Oyer and Terminer, all over the state, are held as occasion may require, appointed by the judges.

Courts of Quarter Sessions are held,

AT Philadelphia, the first Monday in March, June, September and December. At Newtown, for Bucks county, on the ninth day following (inclusive) in every of the months aforesaid; at Chester, the last Tuesday in February, May, August and November; at Lancaster, the first Tuesday in February, May, August and November; at York, the last Tuesday in January, April, July and October; at Carlisle, for Cumberland county, the Tuesday preceding York courts; at Reading, for Berks county, the Tuesdays next after Lancaster courts; at Easton, for Northampton county, the Tuesdays next after Bucks county; at Bedford, the Tuesdays next preceding Cumberland courts; at Sunbury; for Northumberland county, the fourth Tuesday in February, May, August and November; at Westmoreland, the Tuesdays next preceding Bedford county courts, in January, April July and October; at Washington, the Tuesdays next preced-



ing Westmoreland county courts; at Fayette, the Tuesdays next preceding Washington county courts; in Montgomery, the Tuesdays next after Northampton courts; at Chambersburgh, for Franklin county, the Tuesdays preceding Fayette county; at Dauphin, on the third Tuesdays in February, May, August and November.

Courts of Common Pleas are held,

AT Philadelphia, the first Wednesday after quarter sessions in March, June, September and December; at Newtown, the third day following (inclusive) in every of the months aforesaid; at Chester, the last Tuesday in February, May, August and November; and for the counties of Lancaster, Cumberland, York, Berks, Northampton, Bedford, Northumberland, Westmoreland, Washington, Fayette and Dauphin, on the several days their respective courts of quarter sessions are held.

City Courts are held,

THE fourth Monday in January, April, July and October.

NEW-JERSEY.

Supreme Courts are held,

AT Trenton, the first Tuesdays in April and September, and the second Tuesdays in May and November, annually.

Inferior Courts of Common Pleas, and Courts of General Quarter Sessions of the Peace, are held,

IN Middlesex, the third Tuesday in January, first in April, third in July, and second in October; in Essex, the second Tuesday in January and April, fourth Tuesday in June, and third in September; in Bergen, the fourth Tuesday in

March, second in June, and fourth in October and January; in Somerset, the third Tuesdays in April and June, and the first in October and January; in Monmouth, the fourth Tuesdays in January, April and July, and third in October; in Morris, the first Tuesday in July, fourth in September, third in December and March; in Sussex, the third Tuesday in February, fourth in May, third in August, and fourth in November; in Hunterdon, the first Tuesdays in February, May and August, and fourth in October; in Burlington, the third Tuesday in May, second in August, first in November, and second in February; in Gloucester, the second Tuesday in December, first in October, third in June and March; in Salem, the second Tuesday in June, third in September, and first in December and March; in Cumberland, the first Tuesday in June, fourth in September, and last in November and February; in Cape-May, the fourth Tuesday in May, first in August, fourth in October, and first in February.

Courts of Nisi Prius are to be held at such times and places as the judges shall appoint.

DELAWARE.

Supreme Courts are held,

AT Newcastle, for the county of Newcastle, on the second Tuesdays in April and October; at Dover, for the county of Kent, on the third Tuesday; and at Lewis-town, for the county of Sussex, on the fourth Tuesdays in the same months.

Courts of Common Pleas are held,

AT Lewis-town for the county of Sussex, on the Wednesday after the first Monday; at Do-



ver, for the county of Kent, on Wednesday after the second Monday; and at Newcastle, for the county of Newcastle, on Wednesday after the third Monday in February, May, August, and November.

Courts of Quarter Sessions are held,

ON the Mondays preceding the first, second, and third Wednesdays in each county respectively.

MARYLAND.

General Courts.

FOR the Western shore, at Annapolis, on the second Tuesdays in May and October.

For the Eastern-shore, at Talbot court-house, the second Tuesdays in April and September.

Chancery Courts are held,

AT Annapolis, the second Tuesday in February, third in May and October, and second in Dec.

Courts of Appeal are held,

AT Annapolis, the first Tuesdays in May and October.

County Courts are held,

FOR the Western Shore. At St. Mary's, the first Tuesday; at Baltimore, the Mondays before the first Tuesdays; at Charles, Ann-Arundel, and Montgomery counties, the second Tuesdays; at Calvert and Frederick counties, the third Tuesdays; at Prince George's, Hartford and Washington counties, the fourth Tuesdays in March, August and November.

For the Eastern Shore. At Talbot, the Mondays before the first Tuesdays; at Worcester, the first Tuesdays; at Cecil and Dorchester, the second Tuesdays; at Kent, the Mondays before the third Tuesdays; at Somerset and Caroline, the third

Tuesdays; and at Queen Anne's, the fourth Tuesdays in March, June and October.

Orphan's Courts.

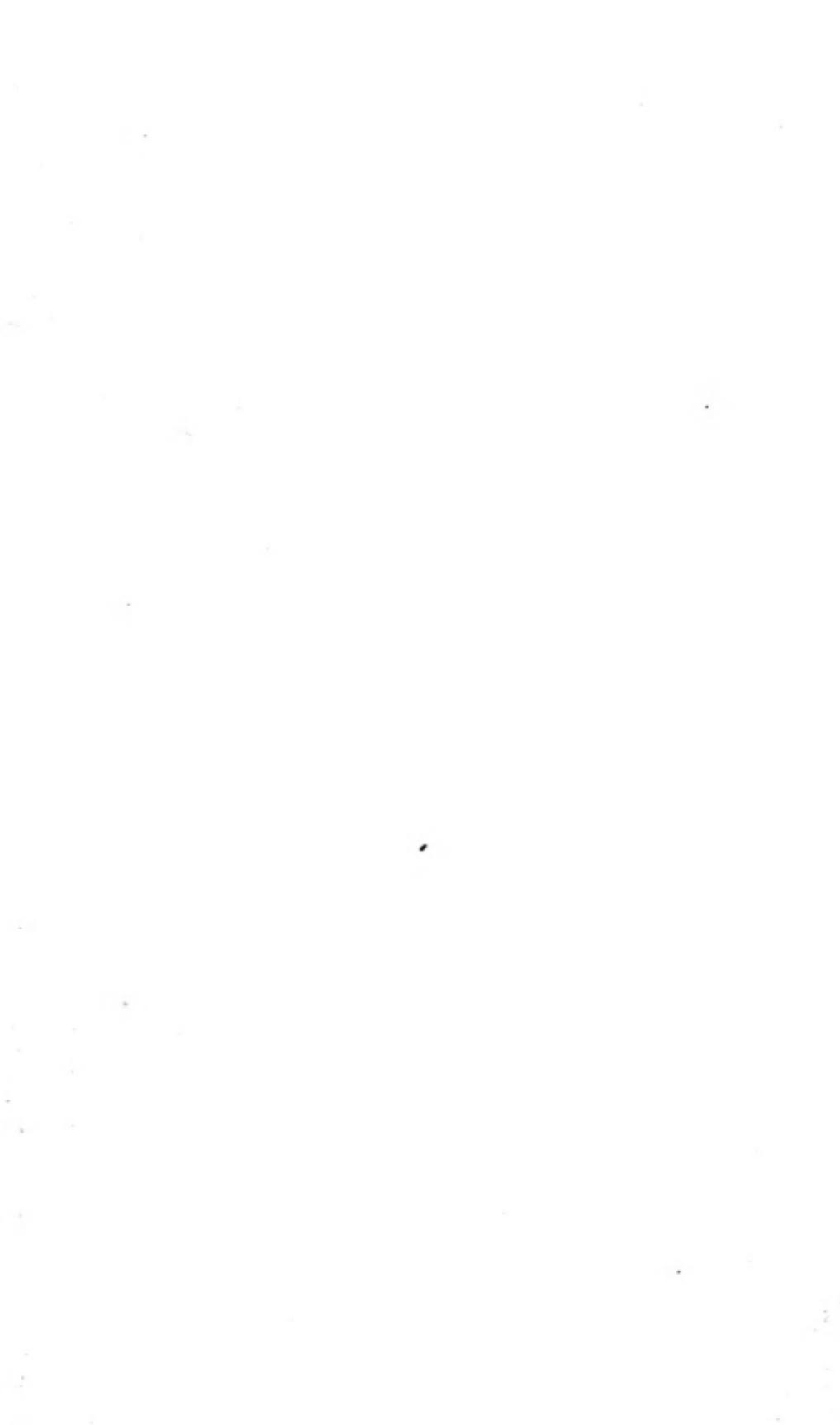
FOR the respective counties, at the place where the county courts are usually held, on the second Tuesdays in February, April, June, August, October, and December.

Mayor's Courts,

ARE held at Annapolis, the last Tuesdays in January, April, July, and October.

The Yearly and General Meetings of the People called QUAKERS, are held,

AT Philadelphia, the fourth firstday in the third and ninth months; at Wilmington, the next firstday after spring meeting in Philadelphia; at Chester River, the third seventhday in the fourth month; at Duck Creek, the fourth seventh day in the fourth month; at Salem, the third firstday in the fifth month; at Flushing, on Long Island, the last firstday in the fifth month; at Little Egg Harbour, the first firstday in the sixth month; at Curls and Black Water in Virginia, alternately, the third seventhday in the fifth month; at West River, and Choptank, alternately, the first seventhday in the sixth month; at Newport (Rhode-Island) the second sixtday in the sixth month; at Little Creek, the fourth seventh day in the tenth month; at Shrewsbury, the fourth first day in the tenth month; at Cecil, the third seventhday in the tenth month; at Matinicock, on Long Island, the last firstday in the tenth month; at the Old Neck in Perquimons, North Carolina, on the fourth sixtday in the tenth month.



R O A D S Westward.

F Rom Philada.	Tc	Scott's	9	75
to Schuylkill	2	2 Bayley's	5	80
Black Horse	4	6 Hughes's	4	84
Prince of Wales	4	10 Sample's	4	88
Buck	1	11 Sweetara	3	91
Sorrel Horse	1	12 Taylor's	3	94
Plough	1	13 Harrisburgh	2	102
Unicorn	3	16 Hendrick's	3	95
Blue Ball	4	20 Chalmer's	11	16
Adm. Warren	3	23 Carlisle	3	19
White Horse	3	26 Shippensburg	21	40
Downing's	7	33 B. Chamber's	11	51
The Ship	2	35 Fort Loudon	13	64
Waggon	6	41 F. Littleton	1	82
Miller's	6	47 Juniata	19	201
Douglafs's	3	50 Bedford	14	15
The Hat	4	54 Foot of Alleg.	15	30
D. of Cumberland	3	57 Stony creek	15	45
Red Lion	3	60 E. S. L. hill	12	57
Conostogo creek	4	64 Fort Ligonier	9	66
Lancast. C. H.	2	66 Pittsburgh	54	320

Roads from Pittsburgh to the Mouth of the Mississippi.

TO Logs town	18	18	Great Kanhawa	11	196
Big Beaver creek	11	29	Great Graindot	24	220
L. Beaver creek	13	42	Big Sandy creek	13	32
Yellow creek	9	51	Siota river	45	78
Ming's town	18	69	Big Buffalo L. C.	24	302
Grafs creek	2	71	Large island	20	22
Wheeling creek	25	96	Three islands	10	32
Grave creek	10	106	Limestone creek	7	39
Long Beach	16	22	Little Miama	65	404
Muskingam river	38	6c	Licking river	8	12
Little Kanhawa	12	72	Great Miami	27	39
Hockhocking	13	85	Big Bones	32	71

Kentucke	44	515	St. Francis river	70	1230
Rapids of Ohio	77	92	Akansa river	108	338
Salt river	23	615	Yazaw river	165	503
Low country	132	47	Grand gulph	39	542
Five islands	38	85	Little gulph	14	556
Green river	27	812	Fort Rosalie	31	587
Large island	58	70	Rougee river	30	623
Wabash river	40	910	Uppermost mouth		
Great cave	62	72	of Mississippi	3	626
Cumberland r.	33	1005	Point Coupee	50	676
Teneze river	12	17	Ibbeville	35	711
F. Massac	11	28	Villages of Aliba-		
Mouth of Ohio	46	74	ma Indians	39	750
Iron banks	15	89	New Orleans	60	810
Chickasaw riv.	67	56	Mouths of the		
Margot river	24	60	Mississippi	105	915

Roads from Philadelphia to the Falls of Ohio, by Land.

TO Lancaster	66	66	James' river	18	339
Wright's ferry	10	76	Botetort C. H.	12	51
York town	12	88	Catawba	21	72
Abbot's town	15	103	Roanoak	9	81
Hunter's town	10	13	Alleghany	8	89
Black's gap	3	16	New river	12	401
Over mountain	7	23	Fort Chissel	28	29
Stone house	25	48	Stone mill	11	40
Watkin's	14	62	Holstein	13	53
Martinsburgh	13	75	Wash. C. H.	45	98
Winchester	20	95	Block house	35	533
Newton	8	203	Powel's	33	66
Stover's town	10	13	Walden's ridge	3	69
Woodstock	11	25	Valley station	4	73
Shanandoah riv.	15	40	Mart. cabbins	25	98
North branch	29	69	Cumberland m.	20	618
Stanton	15	84	Cumberland riv.	13	31
North Fork J.R.	18	321	Flat lick	9	40





Stinking creek	2	642	Logan's station	5	728
Richland creek	7	49	Clark's ditto	7	35
Rackoon spring	14	63	Crow's ditto	4	39
Laurel river	2	65	Harrod's ditto	3	42
Hazle patch	15	80	Harland's	4	46
Rock castle river	10	90	Harbison's ditto	10	56
English station	25	715	Eard's town	25	81
Crab orchard	3	18	Salt works	25	806
Whitley's	5	23	Falls of Ohio	20	26

Roads Northeastward.

FROM Philadelp.	To				
to Frankfort	5	5	Banford	10	198
Shammony F.	12	17	Guilford	12	210
Bristol	3	20	Killingfworth	10	20
Trenton	10	30	Saybrook	10	30
Maidenhead	6	36	New-London	18	48
Princeton	6	42	Stonington	15	63
Kingston	3	45	Pemberton	10	73
Brunswick	12	57	Darby	3	76
Woodbridge	12	69	French town	24	300
Elizabeth town	10	79	Providence	20	20
Elizabethtown p.	2	81	Woodcock's	15	32
Staten island fer.	7	88	Billend's	10	45
New-York	9	97	White's	7	52
Kingsbridge	16	113	Dedham	6	58
East Chester	6	19	Boston	10	68
New Rochelle	4	23	Lyn	9	77
Rye	4	27	Salem	8	85
Horseneck	10	37	Ipswich	14	99
Stanford	7	44	Newbury	11	410
Norwalk	10	54	Hampton	9	19
Fairfield	12	66	Portsmouth	13	32
Stratford	8	74	York	9	41
Milford	4	78	Wells	14	55
Newhaven	10	88	Kennebunk	6	61
			Biddeford	4	65

Scarborough	7	472	Richmond	16	526
Falmouth	13	85	Taconic falls	33	59
Yarmouth	10	95	Norridgewock	31	90
Brunswick	15	510			

Roads Southwestward.

FROM Philadelp.	To				
to Lower-Ferry	4	4	Nanfemond	20	367
Darby	3	7	Bennet's creek	30	97
Chester	9	16	bridge	30	427
Brandywine	14	30	Edenton	30	
Newcastle	6	36	Bell's ferry over	8	35
Elk river	17	53	the found		
Northeast	7	60	Bath town on Pam-		
Susquehannah	9	69	lico river	45	80
Gunpowder ferry	25	94	Grave's ferry on		
Petapisco ferry	20	114	Neu's river	32	512
Annapolis	30	44	Whittock river	20	32
Q. Anne's ferry	13	57	New river ferry	30	62
Up. Marlbro'	9	66	New town on Cape		
Port Tobacco	30	96	Fear river	45	607
Hoe's ferry	10	206	Lockwood's	15	22
Southern's ferry	30	36	Shallot river	8	30
Aruold's ferry	36	72	Eastern end of Long		
Clayburn's ferry	22	94	Bay	22	52
Freneaux's	12	306	Western end of		
Williamsburgh	16	22	Long Bay	25	77
Hog island	7	22	George town	30	707
Ille of Wight court			Saatee ferry	12	19
house	18	47	John Collin's	18	37
			Charleston	30	67

Roads from Philadelphia to Bethlehem.

To B. Davis	16	16	Swamp meeting	13	38
Baptist meeting	7	23	Sto. Waggoner's	9	47
Housekeeper's	2	25	Bethlehem	6	53



